

...now, create two tables of values, each with 3 columns:

$$f(x) = x^2$$

$$g(x) = 2x$$

a	b	$f(b) - f(a)$
0	1	1
0	2	
0	3	
1	2	
1	3	
2	3	
-1	1	
-1	2	
-2	1	

a	b	Area "under" $g(x)$
0	1	
0	2	
0	3	
1	2	
1	3	
2	3	
-1	1	
-1	2	
-2	1	